

ND: N-terminal moiety DNA

NT: N-terminal deficient DNA

SP: target sequence (signal peptide)

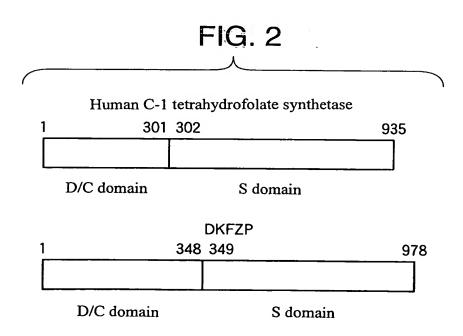
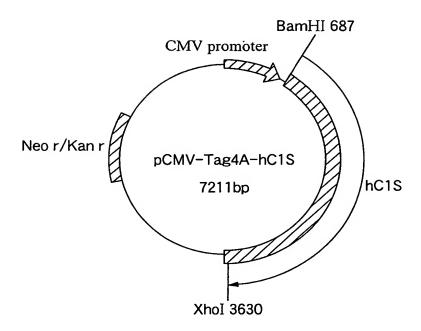
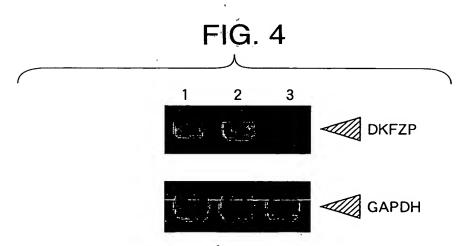


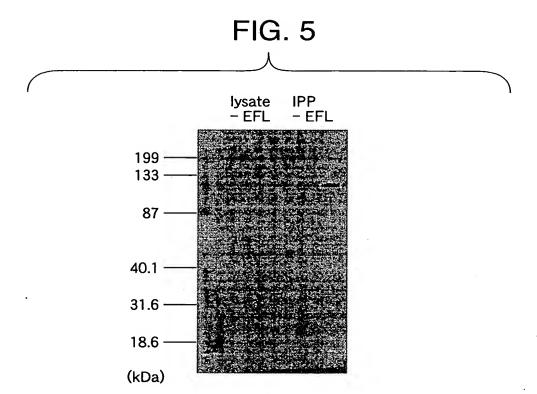
FIG. 3





- 1: Colon cancer cell HCT116
- 2: Colon cancer cell SW620
- 3: Normal colon cell CCD841CoN

DKFZP: Expression quantity of the gene to be provided by the invention GAPDH: Expression quantity of glyceraldehyde 3-phosphate dehydrogenase

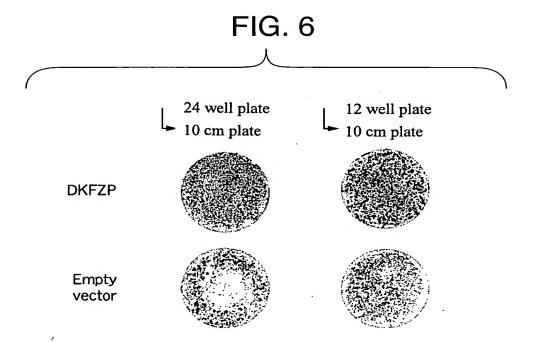


-: An animal cell derived sample of no gene transfer

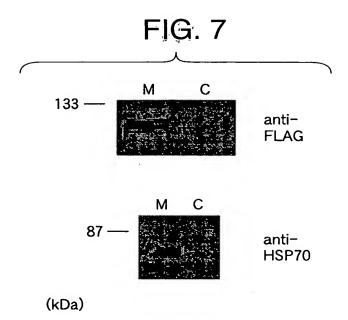
E: An animal cell derived sample in which pCMV-Tag4 vector was transferred

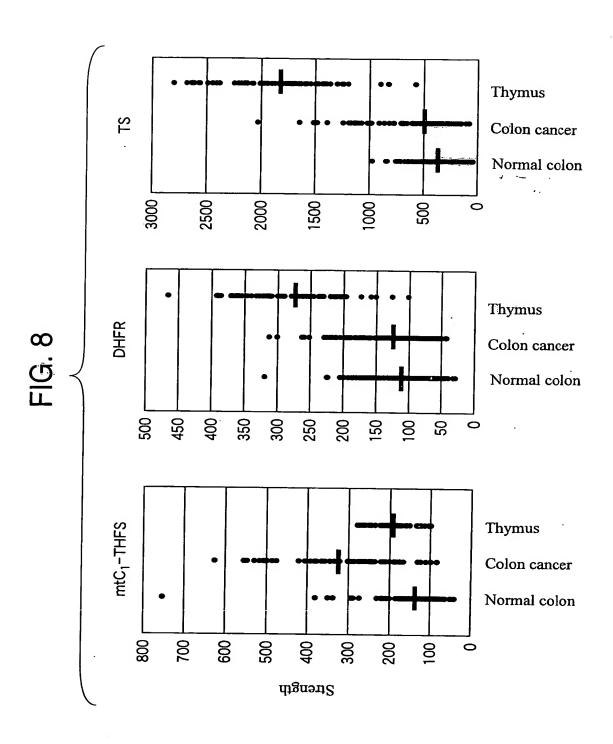
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FL: An animal cell derived sample in which the recombinant pCMV-Tag4 vector concerned in the DNA to be provided by the invention was transferred

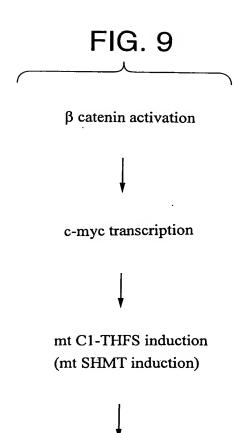


DKFZP: growth of an animal cell into which the recombinant pCMV-Tag4 vector concerned in the DNA to be provided by the invention was transferred Empty Vector: growth of the animal cell into which pCMV-Tag4 vector was transferred





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mitochondrial C1 metabolism activation